

<400> 17
tcgacchhhhh hhhhhhhhhh hhhhhhhhhh hhhhhhhhhh hha

43

```
<210> 18
<211> 42
<212> DNA
<213> Artificial Sequence
<220>
<223> Adaptor containing oligonucleotide tag.
```

42

```
<210> 19
<211> 62
<212> DNA
<213> Artificial Sequence
<220>
<223> DNA fragment containing oligonucleotide tag.
<400> 19
rcgaccnahhh hhhhhhhhhh hhhhhhhhhh hhhhhhhhhh hhhtttttt
tttttttttt tt
```

50

62

IN THE CLAIMS;

5. (Twice amended) A composition of matter comprising a plurality of polynucleotides selected from cDNA molecules or fragments of a target polynucleotide, said composition including a mixture of microparticles, wherein each microparticle [having] has polynucleotides of the plurality [a population] attached thereto and wherein [such that] substantially all different polynucleotides in the plurality [population] are attached to different microparticles.

Please cancel claim 7.

8. (Twice amended) The composition of claim [7] 5 wherein said plurality [population of said eDNAs has a size of from] includes from ten to a hundred thousand cDNAs or fragments of a target polynucleotide.

9. (Twice amended) The composition of claim [7] 5 wherein tag complements are attached to each of said microparticles of said mixture and wherein each of said cDNAs or said fragments of said plurality [population] has an oligonucleotide tag attached such that perfectly matched duplexes are formed between the tag complements of said microparticles and the oligonucleotide tags of said cDNAs or DNA fragments.